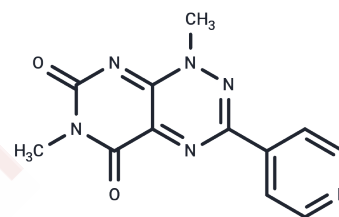


## 3-pyridine toxoflavin

## Chemical Properties

CAS No. :	32502-20-8
Formula:	C <sub>12</sub> H <sub>10</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	270.25
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	3-pyridine toxoflavin is a potent KDM4C inhibitor, IC <sub>50</sub> =19nM.
Targets(IC <sub>50</sub> )	Histone Demethylase,Others

## Solubility Information

Solubility	DMSO: 45 mg/mL (166.51 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7003 mL	18.5014 mL	37.0028 mL
5 mM	0.7401 mL	3.7003 mL	7.4006 mL
10 mM	0.370 mL	1.8501 mL	3.7003 mL
50 mM	0.074 mL	0.370 mL	0.7401 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Letfus, Vatroslav; Bioorganic & Medicinal Chemistry (2020), 28(1), 115128, CAPlus and MEDLINE

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